Bioactive

Vegfa (Rat) Recombinant Protein

Catalog # P9324 Size 2 x 10 ug

Specification

Product Description	Rat Vegfa recombinant proteind with His tag in C-terminus expressed in Insect Cells.
Sequence	DTVKLAAAHYNTEILKSIDNEWRKTQCMPREVCIDVGKEFGAATNTFFKPPCVSVYRCGGCCNSE GLQCMNTSTGYLSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIHHHHHH
Host	insect
Theoretical MW (kDa)	15-20
Form	Lyophilized
Preparation Method	Insect cells expression system
Purity	> 90% as determined by SDS-PAGE.
Activity	ED_{50} is 200-300 ng/mL, measured by the ability to stimulate phosphorylation of the VEGFR-3/FLT-4 receptor in porcine aortic endothelial cells, corresponding to a specific activity of 3.3-5.0 x 10^3 IU/mg.
Storage Buffer	Lyophilized from a solution containing 1XPBS, 50 mg BSA. Reconstitute the lyophilized powder in d dH_2O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C for long term storage. Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Vegfa

Entrez GeneID	83785

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Protein Accession#	P16612
Gene Name	Vegfa
Gene Alias	VEGF164, Vegf
Gene Description	vascular endothelial growth factor A
Gene Ontology	Hyperlink
Other Designations	-

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